

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.


Substitute for form 1449A/B/PTO			Complete If Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/518164	
			Filing Date	December 15, 2004	
			First Named Inventor	Hermanus Van Bakel	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	ASZD-P01-019

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
20	AA	US-5,278,313	01-11-1994	Thottathil et al.	
	AB	US-5,457,227	10-10-1995	Thottathil et al.	
	AC	US-5,594,153	01-14-1997	Thottathil et al.	
	AD	US-6,331,641	12-18-2001	Taoka et al.	
	AE	US-6,340,767	01-22-2002	Nishiyama et al.	
	AF	US-6,344,569	02-05-2002	Mitsuda et al.	
	AG	US-3,325,466	06-13-1967	Anderson, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
20	BA	EP-0 862 646	09-09-1998	Avecia Limited		
	BB	WO-00/08011	02-17-2000	Kaneka Corporation		
	BC	WO-00/68221	11-16-2000	EGIS GYOGYSZERGYAR RT.		
	BD	WO-02/06266	01-24-2002	DSM N.V.		
	BE	WO-03/059901	07-24-2003	DSM N.V.		
	BF	JP-04266879	09-22-1992	Chisso Corp.		
	BG	EP-1 024 139	08-02-2000	Kaneka Corporation		
	BH	GB-885,516	12-28-1961	Arthur Henry Clarkson		
	BI	WO-91/13876	09-19-1991	Rhone-Poulenc Rorer Limited		
	BJ	WO-93/06235	04-01-1993	Imperial Chemical Industries PLC		
	BK	WO-96/31615	10-10-1996	The Scripps Research Institute		
	BL	WO-99/57109	11-11-1999	Kaneka Corporation		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
20	CA	Advanced Organic Chemistry, Reactions, Mechanisms and Structure, p. 392 (1992).	
	CB	Barry et al., "Easy and Efficient Anion Alkylations in Solid-Liquid PTC Conditions," Tetrahedron Letters 23(51):5407-5408 (1982).	
	CC	Bennett et al., "Methyl (3R)-3-Hydroxyhex-5-enoate as a Precursor to Chiral Mevinic Acid Analogues," J. Chem. Soc. 1:133-140 (1991).	
	CD	Bram et al., "Anionic Activation by Solid-Liquid Phase Transfer Catalysis Without Solvent: An Improvement in Organic Synthesis," Israel Journal of Chemistry 26:291-298 (1985).	

Examiner Signature		Date Considered	10/27/04
--------------------	---	-----------------	----------


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/518164
				Filing Date	December 15, 2004
				First Named Inventor	Hermanus Van Bakel
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	ASZD-P01-019

CE	Chevallet, P., et al., "Facile Synthesis of Tert-Butyl Ester of N-Protected Amino Acids with Tert-Butyl Bromide," <i>Tetrahedron Letters</i> , 34(46): 7409-7412 (1993).	
CF	Chikara et al., "Preparation of Optically Active 5,6-epoxyhexanoic Acid Esters as Materials for Physiologically Active Substances," <i>Chemical Abstracts</i> 118(11) (1993).	
CG	Crowther, G.P., et al., "Esterification of Hindered Alcohols: t-Butyl p-Toluate," <i>Org. Synth.</i> , 51:96-100 (1971).	
CH	Drugs of the Future, 24(5):511-513 (1999).	
CI	Inanaga, J., et al., "A Rapid Esterification by Means of Mixed Anhydride and Its Application to Large-ring Lactonization," <i>Bulletin of the Chemical Society of Japan</i> , 52(7):1989-1993 (1979).	
CJ	Murakami, M., et al., "2,4,6-Tripyridinio-1,3,5-Triazine Trichloride, a New and Mild Esterification Agent for Preparation of Penicillin Esters," <i>Heterocycles</i> , 31(11):2055-2064 (1990).	
CK	Murphy, C.F., et al., "Chemistry of Cephalosporin Antibiotics. XVIII. Synthesis of 7-Acyl-3-methyl-cephem-4-carboxylic Acid Esters," <i>J. Org. Chem.</i> , 35(7):2429-2430 (1970).	
CL	Rayle, H.L., et al., "Development of a Process for Triazine-Promoted Amidation of Carboxylic Acids," <i>Organic Process Research & Development</i> , 3:172-176 (1999).	
CM	Sakaki et al., "Lipase-catalyzed Asymmetric Synthesis of 6-(3-Chloro-2-hydroxypropyl)-1,3-dioxin-4-ones and Their Conversion to Chiral 5,6-Epoxyhexanoates," <i>Tetrahedron: Asymmetry</i> 2(5):343-346 (1991).	
CN	Takeda, K., et al., "Dicarbonates: Convenient 4-Dimethylaminopyridine Catalyzed Esterification Reagents," <i>Synthesis</i> , 1063-1066 (1994).	
CO	Thierry, J., et al., "2-Phenyl Isopropyl and t-Butyl Trichloroacetimidates: Useful Reagents for Ester Preparation of N-Protected Amino acids under Neutral Conditions," <i>Tetrahedron Letters</i> , 39:1557-1560 (1998).	
CP	Watanabe, M., et al., "Synthesis and Biological Activity of Methanesulfonamide Pyrimidine- and N-Methanesulfonyl Pyrrole-Substituted 3,5-Dihydroxy-6-heptenoates, a Novel Series of HMG-CoA Reductase Inhibitors," <i>Bioorganic & Medicinal Chemistry</i> , 5(2):437-444 (1997).	
CQ	Weissenfels, M., et al., "Acetate von Aminosauero-tert-butylestem," <i>Z. Chem.</i> , 12(7):264-265 (1972).	
CR	Ziegler, F.E., et al., "A Mild Method for the Esterification of Fatty Acids," <i>Synthetic Communications</i> , 9(6):539-543 (1979).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	60/27/08
--------------------	---	-----------------	----------

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
056291-5263Application No.
10/518,164Applicants: Bakel Van *et al.*

Filing Date: July 25, 2005

Group Art Unit: 1625

PTO Form 1449
October 5, 2006**U.S. PATENT DOCUMENTS**

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
20	1.	US 6,278,001	August 21, 2001	Solladie et al.			
	2.	US 6,784,171	August 31, 2004	Taylor et al.			
	3.	US 6,844,437	January 18, 2005	Taylor et al.			
	4.	US 6,870,059	March 22, 2005	Kooistra et al.			
✓	5.	US 2006050044	March 9, 2006	Ikeda			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub-Class	Translation
20	6.	WO 93/08823	May 13, 1993	WIPO			
	7.	WO 97/19917	June 5, 1997	WIPO			US 6,278,001
	8.	WO 00/49014	August 24, 2000	WIPO			
	9.	WO 01/72706	October 4, 2001	WIPO			
	10.	WO 01/85975	November 15, 2001	WIPO			
	11.	WO 03/006439	January 23, 2003	WIPO			
	12.	WO 2004/014872	February 19, 2004	WIPO			
	13.	WO 2004/054986	July 1, 2004	WIPO			
	14.	WO 2004/108691	December 16, 2004	WIPO			
	15.	WO 2004/113314	December 29, 2004	WIPO			
	16.	WO 2005/023779	March 17, 2005	WIPO			
	17.	WO 2005/028450	March 31, 2005	WIPO			
	18.	WO 2005/042522	May 12, 2005	WIPO			
	19.	WO 2006/040898	April 20, 2006	WIPO			US 2006050044
✓	20.	WO 2006/067456	June 29, 2006	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

20	21.	March, Advanced Organic Chemistry: Reactions, Mechanisms, and Structure, 4th ed., John Wiley & Sons, Inc, p. 378 (1992).
	22.	Menges et al. "Oxidative Degradation of γ -Butyrolactons into 1,3-Diols via a Criegee Rearrangement of Peroxosulfonates. An Enantioselective Synthesis of Compactin Lactone and its Diastereomer" Synlett 12:901-905 (1993).
	23.	Morrison and Boyd "Alkaline hydrolysis of esters" Lehrbuch der Organischen Chemie, 2nd ed., Verlag Chemie, p. 739 (1978) (Translation enclosed).
	24.	Presentation given at the 20th International Congress of Heterocyclic Chemistry in Palermo, 1st-5th August 2005
	25.	Presentation given at the Gordon Conference on Heterocyclic Compounds, Salve Regina University, Newport, Rhode Island, 4th-9th July 2004.
✓	26.	Shao et al. "Asymmetric hydrogenation of 3,5-Dioxoesters catalyzed by Ru-binap complex: A short step asymmetric synthesis of 6-substituted 5,6-dihydro-2-pyrones" Tetrahedron 49(10):1997-2010 (1993).

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.